

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number
WO 2005/053739 A2

- (51) International Patent Classification⁷: **A61K 39/39**
- (21) International Application Number:
PCT/GB2004/005008
- (22) International Filing Date:
26 November 2004 (26.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0327493.3 26 November 2003 (26.11.2003) GB
- (71) Applicant (for all designated States except US): **THE QUEEN'S UNIVERSITY OF BELFAST** [GB/GB]; University Road, Belfast BT7 1NN (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **JOHNSTON, Patrick, Gerard** [GB/GB]; 10 Garland Hill, Belfast BT8 6IL (GB). **LONGLEY, Daniel** [GB/GB]; 24 Woodland Ave, Lambeg, Lisburn BT27 4PJ (GB).
- (74) Agent: **MURGITROYD & COMPANY**; Scotland House, 165-169 Scotland Street, Glasgow G5 8PL (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMBINATION THERAPY

(57) Abstract: The invention provides combination therapies and methods for the treatment of cancers associates with p53 mutations. The method comprises the separate, sequential or simultaneous administration of a therapeutically effective amount of a) a specific binding member, for example CH-11, which binds to a cell death receptor, for example Fas, or a nucleic acid encoding said binding member and b) a chemotherapeutic agent, wherein the chemotherapeutic agent is a topoisomerase inhibitor, for example CPT-1 or a thymidylate synthase inhibitor, for example TDX. Synergistic cytotoxic effects have been demonstrated using such combinations.

WO 2005/053739 A2